

NOTES ON NEOTROPICAL EUPHORBIACEAE

2. New species and transfers

E. Jablonski
New York Botanical Garden

SAPIUM PATENS Jabl. sp. nov.

Sapio lanceolato affine a quo glandulis petiolaribus gracilibus cylindricis divaricatis nec conicis, foliis basi subrotundatis apice anguste acuminatis minusque cucullatis differt.

Typus. Brasília: Pará, Rio Guama, San Miguel, Froes 20372 (NY)

Cetera specimina visa: Pará, Rio Guama, Irituia, Froes 20373 (NY); Rio Tapajos Urucuritiba, Archer 8432, 8436.

SAPIUM STEYERMARKII Jabl. sp. nov.

Ex affinitate S. ixiamasensis a qua venis 5-6 jugis subtus prominulis arcuato-adscendentibus optime recedit.

Folia late lanceolata margine indistincte repando-dentata; venae dictyodromae; glandulae petiolares subcylindricae.

Typus. Ecuador: Prov. Santiago-Zamora, densely forested moist slopes above and bordering Rio Tintas above Campanas campamento, southeast of El Pan, alt. 2860-2985 Julian A. Steyermark 53508.

SAPIUM IXIAMASENSE Jabl. sp. nov. (Plate II)

Ex affinitate S. lanceolati a qua foliis coriaceis bicoloribus superne nitidulis subtus opacis pallide-viridibus differt.

Arbor 30-100-pedalis, trunco 1-2 pedes diametiente. Petioli longiusculi (1.3-1.5 cm longi). Glandulae petiolares divaricatae conicae minus quam 1 mm altae. Folia 2 1/2-3 1/2-plo longiora quam lata plerumque 7-12 cm longa rariter ad 18 cm longa 3-4 cm lata lanceolata apicem basinque versus symmetrice angustata rariter oblanceolata basi cuneata apice caudata imo apice incrassata distincte cucullata vel rariter vix cucullata rarissime plana margine integerrima superne nitidula subtus opaca pallide-flavo-viridula; costae secundariae 12-15-jugae superne fere prominentes subtus immersae vix visibiles. Spicae cymuligerae 7-10 cm longae in axillis foliorum superiorum orientes folia subaequantes apice flores paucos masculos ceterum femineos gerentes vel unisexuales masculae; rhachis sulcata; cymuli masculi 5-8-flores, feminei 1-2-flores; bractae late triangulares subintegrae utrinque basi glandula elliptica auctae. Ovarium sessile; columna stylaris decidua. Capsula depresso-globulosa matura 7 mm diametiens sessilis; styli decidui. Semina subglobosa 3.1-3.4 mm diametientia atrobadia purpureo-arillata.

Typus. Bolivia: Ixiamas, alt. 1450 pedes, R. S. Williams 891 (NY) !

Specimina cetera visa:

Peru: Mouth of Rio Santiago Tessmann 4649 (NY) !

Brazil: Solimoes, Froes 5662 (NY) !

Falls of Madeira, Rusby 1239, 1238 (NY) !

Nota. Rusby 1238 forma foliis apice non cucullatis.

STILLINGIA ARGUTEDENTATA Jabl. sp. nov. (Plate III)

Certissime ex affinitate St. dichotomae Mull. Arg. a qua foliis multo profundius et distinctius serrato-dentatis, et basi glandulis minutis duabus ornatis optime differt.

Frutex 2 metralis ramulis carnosulis in siccitate quasi lignosis. Folia opposita vel ad apicem ramulorum congesta. Stipulae cito caducae non visae. Petiolus 3-8 mm longus. Lamina late elliptica, 7-10 cm longa, 3-4 cm lata basin et apicem versus angustata, imo apice mucronulata, paulo succulenta, margine argutissime serrulato-dentata, crenaturis angulo recto divaricatis vel irregulariter curvatis, basi superne glandulis geminis adpressis, 0.5-0.75 mm diametientibus orbiculari-scutelliformibus obsita. Costae venaeque indistinctae, secundariae angulo 3/4-recto insertae. Spicae terminales bisexuales 4-6 cm longae basi nudae dein fructus paucos gerentes, floribus ? ad anthesin ignotis, superne densius cymulis ♂ 2-3 floribus ornatae. Rhachis sicca 1-2 mm lata. Capsulae 5-6 mm longae pericarpium basi cocculis delapsis persistenti receptaculum 3-radiatum induratum "cocophorum" vel "gynobasin" dictum, nec columellam centram formanti. Semina 2.5-3.0 mm longa subglobosa atro-badia, albo-carunculata.

Specimina mucedinosa, ideo in siccitate valde conspurcata.

Typus: Minas Gerais: Margem da Rodovia Nambuque-Teófilo Otoni. Serra rochosa. Arbusto de 2 m, flores amarelas, frutos verdes. 14 Aug 1965, Romeu P. Belem 1613, holotype (UB); 1616 paratype (UB).

SAPIUM YUTAJENSE Jabl. sp. nov.

In Memoirs NY Botanical Garden, in press.

SAPIUM PERUVIANUM (Macbride) Jabl. stat. nov.

Sapium martii var. peruvianum Macbride in Flora of Peru in Field Mus. Nat. Hist. Publ. Botany 13, 3a, 1: 195. 1951.

SAPIUM SALTENSE (O'Donnell & Lourteig) Jabl. stat. nov.

Sapium haemospermum var. saltense O'Donnell et Lourteig in Lilloa 8: 586. 1942.

SEBASTIANIA RHOMBIFOLIA (Rusby) Jabl. comb. nov.

Sapium rhombifolium Rusby in Bull. Torrey Bot. Club 28:
307. 1901. (Plate IV)

Corrected description and additions to original description:

Petiolli 0.5-1.0 cm longi (nec 1-5 cm), eglandulosi. Lamina
margine integerrima apice ipso longe-acuminate saepe mucronulata
chartacea vel membranacea (nec coriacea) basi facie inferiori
glandulis binis elongatis instructa. Fructus ignoti.

Typus. Bolivia: Falls of Madeira, Rusby 1824.

Plate II

Sapium ixiamasense Jabl. sp. n.

- Fig. A. Habit 4/5
B. Leaf, nervature exaggerated 4/5
C. Cucullate tip of leaf 4/1
D. Male flower 15/1
E. Male part of inflorescence 6/1
F. Female flower 12/1

Plate III

Stillingia acutedentata Jabl. sp. n.

- Fig. A. Habit 4/5
B. Male cymule 12/1
C. Male flower 12/1
D. Capsule 4/1
E. Gynobase 4/1

Plate IV

Sebastiania rhombifolia (Rusby) Jabl. comb. n.

- Fig. A. Habit 4/5
B. Leaf, nervature exaggerated 4/5
C. Male cymule 24/1
D. Male cymule 24/1
E. Female flower 8/1

Plate II



CLARE

Plate III

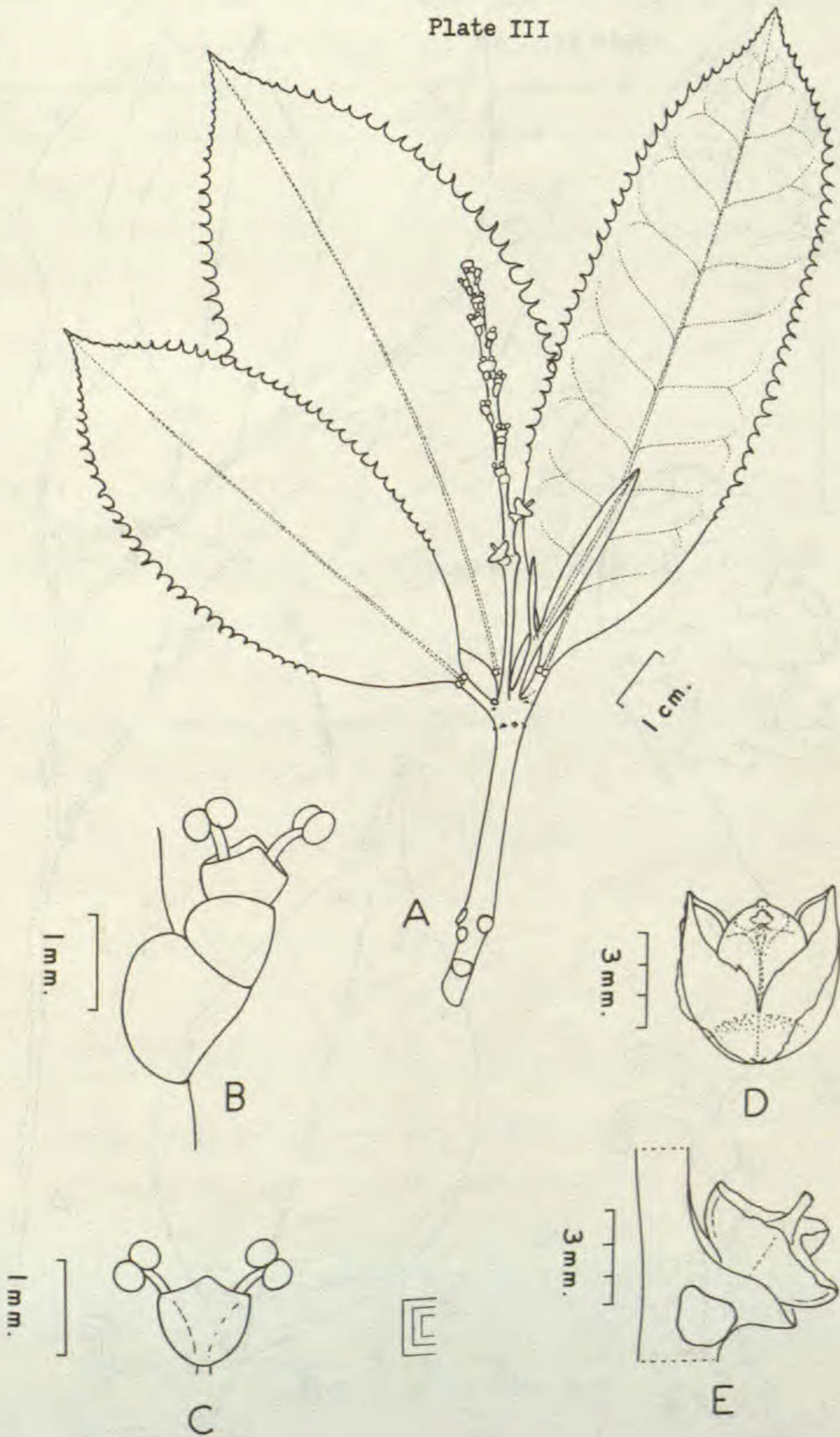


Plate IV

